NUEXCO

EXECUTIVE SUMMARY
REPORT 192
(All data as of July 31, 1984)

Exchange Value
$17.50, unchanged

The **Exchange Value** is **$17.50** per pound U_3O_8, unchanged since last month. Six recent uranium sales are reported, involving a total of 1.3 million pounds U_3O_8 equivalent. Three were sales of enriched UF_6.

Supply-Demand Ratio
rose to 3.1:1

Active spot and near-term **uranium supply** amounts to **2.9 million** pounds U_3O_8 equivalent, down 1.4 million pounds since last month. Active spot and near-term **uranium demand** totals **940 thousand** pounds, down 960 thousand pounds. The spot and near-term **supply-demand ratio** rose to **3.1:1.**

Transaction Value
rose $0.10, to $16.60

The **Transaction Value** is **$16.60** per pound U_3O_8, up $0.10 since last month. The calculation includes 10 transactions involving a total of 3.9 million pounds U_3O_8 and equivalent UF_6, and covers a period of 4 months.

Loan Use Charge Rate
unchanged at 6%

The **Loan Use Charge Rate** remains **6 percent** per annum.

Conversion Value
remained at $0.00

The **Conversion Value** is **$0.00** per pound U as UF_6, unchanged since last month. No secondary market conversion transactions, and no active conversion demand, are reported. Active secondary market supply of conversion services for delivery within three years totals 2.8 million pounds U as UF_6.

SWU Values
$95 for DOE-origin (FY85)
$85 for non-DOE origin
(delivery within 15 months)

The **SWU Values** are **$95** per SWU of DOE origin and FY85 delivery, unchanged, and **$85** per SWU of non-DOE origin, up $5 since last month. Thirteen SWU transactions are reported, involving 3.2 million SWUs. Active secondary market SWU supply amounts to 510 thousand SWUs, while active demand totals 335 thousand SWUs.

Essay

Brokers have been involved in a large percentage of nuclear fuel market transactions in recent years, and their organizations have become increasingly versatile.

Australia

The ruling Labor Party reaffirmed the uranium policy established last November, which permits uranium production at Ranger, Nabarlek, and Olympic Dam, but otherwise preserves the restrictive commercial environment.

South Africa

Second-quarter uranium production from Chamber of Mines producers amounted to 3.8 million pounds U_3O_8, down slightly from the first quarter.

Raw Materials

The Palabora project in South Africa is one of the largest open-pit mining projects in the world. It produces close to 500,000 pounds U_3O_8 annually as a by-product of copper production.

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NUEXCO REPORT 192 FIGURES OF THE MONTH (July 31, 1984)	This Month (Report 192)	Last Month (Report 191)	12 Months Ago (Report 180)
Exchange Value[1]	17.50	17.50	24.00
Transaction Value[1]	16.60	16.50	23.50
Conversion Value[2]	0.00	0.00	1.10
Loan Use Charge Rate[3]	6%	6%	6%
Near-Term Uranium Supply[4]	2.9	4.3	7.1
Near-Term Uranium Demand[5]	0.9	1.9	2.6
Near-Term Supply-Demand Ratio	3.1	2.2	2.8
Recent Uranium Sales:			
Number of Transactions[6]	6	4	5
Quantity of Material[7]	1.3	5.8	0.8-1.5
Nuexco SWU Values:[8]			
DOE origin, FY85 delivery	95	95	—
non-DOE origin, delivery within 15 months	85	80	—
USDOE SWU Prices:			
USEC	135.00	135.00	—
AFC	153.00[9]	153.00[9]	138.65
Requirements	157.00[9]	157.00[9]	149.85
Market Value of Enriched UF_6[10 11]:			
2.5 w/o U_{235}	512.54	512.54	598.47
3.0 w/o U_{235}	659.57	659.57	764.27
3.5 w/o U_{235}	809.59	809.59	932.90
4.0 w/o U_{235}	961.65	961.65	1,103.64

[1]US $ per pound U_3O_8 equivalent.
[2]US $ per pound U as UF_6.
[3]Per annum.
[4]Active inquiries to sell, for delivery within 12 months after contract signing (millions of pounds U_3O_8).
[5]Active inquiries to purchase, for delivery within 12 months after contract signing (millions of pounds U_3O_8).
[6]Uranium sales only; does not include loans, conversion, or SWU transactions.
[7]Millions of pounds U_3O_8, equivalent.
[8]US $ per SWU.
[9]Effective 10/1/84.
[10]Calculated using the Nuexco Exchange Value, Conversion Value, and 0.20 percent tails assay. From 2/28/83 through 9/30/83, calculations used the Nuexco SWU Value for the relevant fiscal year. From 10/31/83 through 2/29/84, calculations used the Nuexco SWU Value for DOE origin and FY84 delivery. As of 3/31/84, calculations use the Nuexco SWU Value for DOE origin and FY85 delivery.
[11]US $ per KgU as UF_6.

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